

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

14

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 06/20/2017		2. CONTRACT NO. (If any) EP-C-16-006		6. SHIP TO:	
3. ORDER NO. 0005		4. REQUISITION/REFERENCE NO. PR-OW-17-00244		a. NAME OF CONSIGNEE AWPB-MB	
5. ISSUING OFFICE (Address correspondence to) CPD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268				b. STREET ADDRESS US EPA-OW-OWOW-AWPD-MB 1200 PENNSYLVANIA AVE., NW MC-4503-T	
				c. CITY WASHINGTON	e. ZIP CODE 20460
7. TO: ROBERT ERICKSON				f. SHIP VIA	
a. NAME OF CONTRACTOR ESS GROUP, INC.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY	
c. STREET ADDRESS 10 HEMINGWAY DR # 2				REFERENCE YOUR: Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
d. CITY RIVERSIDE		e. STATE RI	f. ZIP CODE 02915	Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE	

11. BUSINESS CLASSIFICATION (Check appropriate box(es))				12. F.O.B. POINT Destination	
<input type="checkbox"/> a. SMALL	<input type="checkbox"/> b. OTHER THAN SMALL	<input type="checkbox"/> c. DISADVANTAGED	<input type="checkbox"/> d. WOMEN-OWNED	<input type="checkbox"/> e. HUBZone	
<input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED	<input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM		<input type="checkbox"/> h. EDWOSB		
13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
a. INSPECTION Destination	b. ACCEPTANCE Destination				

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 019131986 TOCOR: Kendra Forde Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:						
	a. NAME RTP Finance Center						\$215,500.00
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts						
c. CITY Durham				d. STATE NC	e. ZIP CODE 27711	(b)(4)	17(i) GRAND TOTAL

22. UNITED STATES OF AMERICA BY (Signature) 06/20/2017

ELECTRONIC
SIGNATURE

23. NAME (Typed)
Sandy Licis
TITLE: CONTRACTING/ORDERING OFFICER

ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION

PAGE NO
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 06/20/2017	CONTRACT NO. EP-C-16-006	ORDER NO. 0005
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ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	Admin Office: CPOD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268 Period of Performance: 02/01/2018 to 06/30/2021 Base: Perform services in accordance with the attached PWS and proposal in response to Amended - Request for Task Order Proposal, Solicitation PR-OW-16-00682, Project Entitled: "National Aquatic Resource Surveys: Mercury Concentrations in Fish Plugs". (b)(4) (b)(4) Accounting Info: 17-E1-87FM-202B06XP1-4183-1787ME7014-0 01 BFY: 17 Fund: E1 Budget Org: 87FM Program (PRC): 202B06XP1 Budget (BOC): 4183 DCN - Line ID: 1787ME7014-001 Funding Flag: Complete Funded: (b)(4)				(b)(4)	
0002	Option 1: Perform services in accordance with the attached PWS and proposal in response to Amended - Request for Task Order Proposal, Solicitation PR-OW-16-00682, Project Entitled: "National Aquatic Resource Surveys: Mercury Concentrations in Fish Plugs". (b)(4) (b)(4) 365 Days After Award				(b)(4)	
0003	Option 2: Perform services in accordance with the attached PWS and proposal in response to Amended - Request for Task Order Proposal, Solicitation PR-OW-16-00682, Project Entitled: "National Continued ...				(b)(4)	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$215,500.00

ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION

PAGE NO
3

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER
06/20/2017

CONTRACT NO.
EP-C-16-006

ORDER NO.
0005

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	Aquatic Resource Surveys: Mercury Concentrations in Fish Plugs". (b)(4) (b)(4) 365 Days After Award					

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$0.00

**Performance Work Statement - Amended
NARS2 Contract
EP-C-16-006 Task Order 5**

A. TITLE: National Aquatic Resource Surveys: Mercury Concentrations in Fish Plugs

B. EPA PERSONNEL

Task Order Contracting Officer Representative (TOCOR):

Name: Kendra Forde
Office: Office of Water/Office of Wetlands, Oceans &
Watersheds/Assessment and Watershed Protection
Division/Monitoring Branch
Address: 1200 Pennsylvania Avenue NW (4503T), Washington, DC 20460
Telephone: 202-566-0417
E-mail: Forde.Kendra@epa.gov

Alternate Task Order Contracting Officer Representative (ATOCOR):

Name: Brian Hasty
Office: Office of Water/Office of Wetlands, Oceans &
Watersheds/Assessment and Watershed Protection
Division/Monitoring Branch
Address: 1200 Pennsylvania Avenue NW (4503T), Washington, DC 20460
Telephone: 202-564-2236
E-mail: hasty.brian@epa.gov

C. PERIOD OF PERFORMANCE

February 1, 2018 through June 30, 2021

D. TASK ORDER TYPE

Firm Fixed Price

I. BACKGROUND:

These National Aquatic Resource Surveys (NARS) program consists of four surveys that operate on a 5-year cycle. In 2018-2019, the NARS program will conduct the National Rivers and Streams Assessment (NRSA), followed by the National Coastal Condition Assessment (NCCA) in 2020. The NARS program is striving for consistency in laboratory protocols from one survey to the next. NRSA has already decided to evaluate mercury levels measured in fish plugs. NCCA also is considering its inclusion as an indicator. Because the laboratory procedure for measuring mercury in fish plugs is the same whether fish are collected in rivers, streams, or coastal waters, EPA has decided to use a single task order for laboratory services that shall process the samples from NRSA and potentially NCCA.

Field crews from EPA, United States Geological Survey (USGS), States, and Tribes will collect samples from streams and rivers from June 1 through September 30 in study years 2018 and 2019; and coastal waters and the Great Lakes from May 1 through September 30 in study year 2020. At each site, the field crew shall collect two fish tissue plugs for mercury analysis from two fish of the same species (one plug per fish). The field crews shall combine the two plugs into a single vial, containing 0.5 to 0.7 grams. To minimize moisture loss, analytical methods may specify relatively short holding times (e.g., 28 days).

EPA arranges for laboratory support for processing the fish plug samples. States and Tribes can choose to use their own laboratories or EPA's contract laboratory. Because of State, Tribal, and EPA choices, the actual number of samples can vary throughout the season. In addition, there are circumstances in which field crews might not collect samples from fish. Considering these aspects, during the task order, the contractor shall receive a minimum of 800 samples associated with the NRSA. The Task Order also includes options for EPA to order a maximum of 3200 additional samples for a total of 4000 possible samples and two databases.

Before the laboratory submits the data to EPA, the analyst who generated the data and a quality assurance manager/data reviewer must independently check and review the data:

- The analyst shall review the data to ensure that:
 - Sample preparation information is correct and complete
 - The appropriate method from the NRSA Laboratory Operations Manual was followed
 - Analytical results are correct and complete
 - Quality control measures were within established limits
 - Documentation is complete
- The quality assurance manager/data reviewer shall review the data package to verify that:
 - Internal QC are included for each batch of samples
 - Quality control measures were within established guidelines
 - Qualitative and quantitative results are correct
 - Data spreadsheet conforms to EPA data template requirements
 - Documentation is complete

Accompanying its data submission for each batch, the laboratory shall provide a short narrative that includes the following information:

- Project summary referencing the batch QC identification number, total number of samples in the batch and their sample numbers, and the analytical methodology used for analysis;
- Discussion of any protocol deviations that may have occurred during sample testing;
- Discussion of QC questions that were encountered and the corrective measures taken;
- Definitions of any laboratory QC codes used in the data;
- Internal QC exceeding established control limits or parameters required by laboratory internal analytical SOPs.

Once but no more than twice during each performance period, the External QC Coordinator (an EPA or EPA contractor separate from this Task Order) shall provide one or two identical sets of QC samples to all participating laboratories. Each set shall contain up to five QC samples. As determined by the

External QC Coordinator, the QC samples may be synthetic; aliquots of additional samples collected at NRSA or NCCA sites; or reference samples obtained from an organization such as the National Institute of Standards and Technology. Each laboratory will run the QC samples following the same procedures used for the other samples. The External QC Coordinator shall compare the results to the expected value and determine consistency between laboratories (e.g., determine if one laboratory is consistently higher or lower than all others). Based upon the evaluation, the External QC Coordinator may request additional information from one or more laboratories about any unique laboratory practices that might account for differences between the laboratory and others. With this additional information, the External QC Coordinator shall determine an appropriate course of action, including no action, flagging the data, or excluding some or all of the laboratory's data.

As another potential quality control step of field operations, EPA may require each field crew to provide field blank samples. In this case, the contractor shall analyze each field blank sample using the same procedures as those for the regular field samples.

II. PURPOSE

The purpose of this task order is to measure total mercury concentrations in fish plug samples collected in the 2018-2019 NRSA, 2020 NCCA, and related studies. The types of support required for this project include technical support, sample analyses, transmittal of the results in database format, and a revised database at the conclusion of quality control procedures.

III. GOVERNMENT FURNISHED INFORMATION

EPA will arrange for delivery of the samples to the laboratories.

The following documents are references for the task order. They are located at:

https://usepa.sharepoint.com/sites/OW_Community/nars/layouts/15/start.aspx#/Contracts/Forms/AllItems.aspx.

- 2018-2019 NRSA Laboratory Operations Manual (LOM) (The PWS refers to the relevant chapter as the "Method.")
- 2018-2019 NRSA Field Operations Manual (FOM); and
- Data template (i.e., spreadsheet for reporting laboratory data).

As they become available, the EPA TOCOR will provide the contractor with revisions of relevant documents, including the 2018-2019 FOM, 2018-2019 LOM, and any other information deemed necessary for the contractor to provide the support for the Performance Work Statement (PWS).

IV. GENERAL REQUIREMENTS

In providing support under the tasks described in Section V, the contractor also shall adhere to the following general requirements:

1. Deliverables (see Contract PWS B.1)

Memoranda shall be placed on company letterhead and the subject line shall include the phrase “EPA Contract #”.

The contractor shall name all electronic files using a logical abbreviation for the name of the document (e.g., TO14Data), the contractor name, and the date of edits to assist in version control (ex: TO14Data_ LABNAME_2020_12_02).

The contractor shall use EPA’s templates for reporting the results of the laboratory procedures for the NRSA and NCCA samples. For any other database or spreadsheet submitted to EPA, the contractor shall provide metadata that, at a minimum, identify the fields recorded for each sample, define the codes used for the field, and include the version number and date.

The contractor shall ensure that documentation is created using Agency standard software formats (e.g., Microsoft Office) to facilitate EPA use and review.

2. Identification at Meetings/Teleconferences (see Contract clause C.2)

Contractor personnel shall always identify themselves as contractor employees by name and organization. Contractor personnel are prohibited from acting as the Agency’s official representative. The contractor shall refer any questions relating to the interpretation of EPA policy, guidance, or regulation to the TOCOR.

V. SCOPE OF WORK

The contractor shall provide laboratory support for measuring mercury in fish plug samples as described in the following tasks.

Task 1. Task Order Management and Monthly progress reports (See Contract Attachment 3; PWS B.2 and C.4)

The contractor shall manage the Task Order (TO) and submit monthly progress and financial reports prepared and submitted in accordance with the contract clause, Contract Attachment 3, Reports of Work.

- a. Teleconferences: The contractor, and its laboratories, shall participate in EPA’s teleconferences about laboratory procedures for receiving, storing, tracking, analyzing, and reporting samples and results. Prior to the shipping of the first samples in each sampling year (2018, 2019, 2020), EPA will coordinate and facilitate 1-3 teleconference calls, each to last approximately 1 hour, to review the Method, required reporting elements, data templates, and the relevant requirements in the QAPP. The participants will include EPA, the contractor’s laboratories, subcontract laboratories, and State laboratories. If EPA conducts multiple teleconferences (e.g., due to State laboratory personnel availability), the contractor shall participate in all calls because different issues may arise that would require feedback from the contractor. The goal of the

teleconferences is to ensure consensus on the analytical procedures and a schedule for sample processing and reporting. The agenda will include review of the:

- i. QAPP
 - ii. LOM
 - iii. Data template
 - iv. Standard Operating Procedures (SOPs)
 - v. Use of PT samples for QC
- b. Status Summaries: Prior to delivering the progress report, the contractor shall provide monthly status summaries. The monthly status summary shall match the time period covered by the progress report. The contractor shall provide Excel spreadsheets with the monthly status summaries that include:
- i. The number of samples delivered. (The QC samples, as described in the Method, shall be considered “samples” for the purpose of invoicing, scheduling, and reporting.)
 - ii. The number of samples for which the laboratory has finished data entry.
 - iii. Percent capacity reached in the contract (i.e., number of samples in 1.c.ii compared to the maximum number specified in task order when all quantities are exercised).
 - iv. Data for the samples processed, or revised, since the previous summary. The contractor shall report the data using EPA’s data template, but updated with the new, revised, and reconciled data. In addition, the contractor shall provide a separate case narrative (e.g., emailed Word or pdf file) for the EPA TOCOR to review with the data.
 - v. Provide a simple list of the invoiced samples with sample #, site ID, and visit #. The TOCOR will compare the list with the NRSA and NCCA master lists of samples to verify that every sample has been invoiced one time.
- c. Monthly Progress and Financial Reports: The contractor shall provide a progress and financial report each month that matches the costs in the corresponding invoice.
- i. The contractor shall provide a progress report each month that includes project status; expenditures to date; number of samples in each processing stage compared to the plan; unexpected problems or concerns, including with quality assurance; lessons learned; QA/QC activities; and next steps. The contractor shall prepare and submit the monthly progress reports in accordance with the contract clause, Contract Attachment 3, Reports of Work.
 - ii. The contractor shall prepare and submit the financial reports in accordance with the contract clause, Contract Attachment 3, Reports of Work.
 - iii. For the sample analyses completed during the month and billed in the invoice, the financial report shall identify the sample using its site identification code and sample number.
 - iv. For the month in which the contractor delivers the final databases for Task 4, the contractor shall include the costs for Task 4.
- d. Issues Requiring EPA Resolution: The contractor shall immediately notify the EPA TOCOR of any unexpected problems or concerns, including issues with QA/QC, and

recommend remedies or corrective actions. Upon receiving written technical direction from the EPA TOCOR, the contractor shall revise its schedule in the technical proposal. The contractor also shall include problems and concerns in the monthly progress report.

Deliverables and Schedule under Task 1:

Subtask	Deliverable	Due
a.	Participation in teleconferences	Date/time per written technical direction from EPA TOCOR based upon contractor's recommended dates/times
b.	Status updates with data in spreadsheet, sample list, and separate case narrative.	Monthly
c.	Progress and financial reports in electronic format	Monthly
d.	Email	Immediately when issue identified.
d.	Revised technical plan and schedule	Revisions within 5 working days per written technical direction.

Task 2. Quality Assurance (Contract PWS B.3)

Quality Assurance (QA) is an important component of EPA's work to assure that minimum quality standards are attained. The contractor shall address the QA requirements of this task order by adhering to the requirements and procedures identified in:

- The contractor's Quality Management Plan incorporated into this NARS contract;
- NRSA and NCCA Survey QA documents which document how quality assurance and quality control will be applied to the collection of environmental data for the survey. The documents relevant to support in this task order are:
 - Quality Assurance Project Plan (QAPP)
 - Laboratory Operations Manual (LOM)
 - The quality documents will evolve throughout the task order. During the base period, the contractor shall notify the EPA TOCOR immediately if it identifies areas where its previous activities are not consistent with the revisions made to the 2018-2019 QAPP and LOM. During the option period, the contractor must notify the EPA TOCOR immediately if it identifies areas where its previous activities are not consistent with revisions being made to the 2020 NCCA and LOM.

The EPA TOCOR will determine whether any modifications to the contractor's previous activities will be necessary, which may require a modification to the task order by the EPA Contracting Officer (CO).

For each survey, as demonstration of the contractor's:

- a. Commitment to adhere to the QAPP, the contractor's Quality Assurance Official (QAO) and each laboratory's QAO shall sign the page "Review & Distribution Acknowledgment and Commitment to Implement" in the introductory section of the QAPP. The contractor shall distribute the version of the QAPP and LOM available at award of the task order, and any additional revisions approved by the EPA QAO, throughout the contractor's organization, including subcontractors and consultants. If EPA distributes an updated version of the LOM and states that it contains a "significant change" relevant to the analyses, the contractor shall acknowledge, in writing (e.g., Email), that it has received and distributed the revised LOM to the appropriate personnel.
- b. Implementation of QA in performing the other tasks in this Performance Work Statement, the contractor shall document its QA activities as follows:
 - i. Standard Operating Procedures (SOPs) and any other quality assurance documentation developed or adopted by the contractor's laboratory for use in performing the required analyses. If the contractor does not develop or modify them as part of the costs incurred by the task order, the contractor may claim the SOPs to be proprietary.
 - ii. Reports of relevant QA activities in any deliverable. All QA documentation prepared under the task order shall be considered non-proprietary.
 - iii. Monthly reports of QA activities performed during implementation of this task order. These monthly QA reports shall identify QA activities performed to support implementation of this task order, problems encountered, deviations from the QAPP, and corrective actions taken. The contractor shall include the QA report with the monthly progress report.
- c. Ability to conform to NRSA measurement quality objectives, the contractor shall, at a minimum, ensure that the data meet the measurement quality objectives in the QAPP.

Deliverables and Schedule under Task 2:

Subtask	Deliverable	Due
a.	Original QAPP signature page	No later than 5 working days after effective date of task order
	Email acknowledgement of LOM with “significant change”	No later than 10 working days after receiving revised LOM
	Laboratory SOPs	No later than 5 working days after effective date of task order. If the laboratory modified the SOPs during the performance period, provide the final versions 5 working days before the end of the performance period. Otherwise, provide an email stating that the SOPs have remained unchanged throughout the task order.
	Documentation of QA activities	With deliverables
b.	Monthly reports of QA activities during months when samples are delivered and/or processed	With monthly progress report
c.	Data and QC elements identified in procedure	With database

Task 3. Mercury Analysis (Contract PWS B.3.e, C.4)

The contractor shall strictly follow ALL procedures in the Method for analyzing mercury in fish tissue samples collected by the NRSA field crews in 2018 and 2019.

If the contractor identifies a situation requiring a minor change in the Method, the EPA TOCOR must approve the deviation before the contractor can implement the change.

In addition to the delivery of data addressed in Task 1, the contractor shall provide the deliverables resulting from the following activities:

- a. Log each sample and record the condition of the sample container into the NARS Information Management (IM) system within 24 (clock) hours of the sample arriving at the laboratory. If the sample does not arrive when expected, the contractor shall immediately notify the EPA TOCOR or her designee. Alternatively, for shipments with a large number of samples, the contractor shall email a spreadsheet with the sample login information to the EPA TOCOR with a copy to the person assigned to track the samples for the survey.

b. Retain:

- Samples for the period specified in the Method.
- Original records, including bench notebooks, for a minimum of ten (10) years from the date that EPA publishes the final report.

If EPA determines that transfer to another location is necessary, EPA will make separate arrangements (e.g., task order modification, purchase order) with the contractor for any necessary packaging and shipping expenses. Otherwise, at the end of the retention period, the contractor shall follow its internal protocols for disposal.

- c. Retain original records, including laboratory notebooks, for a minimum of 10 years from the date that EPA publishes the final report. If EPA determines that copies or physical transfer to another location is necessary, EPA will make separate arrangements (e.g., task order modification, purchase order) for any necessary photocopying, packaging and shipping expenses. Otherwise, at the end of the retention period, the contractor shall follow its internal protocols for disposal.

Unless the TOCOR grants an exception, the contractor shall not publish findings based upon work conducted under this task order. This restriction shall remain in effect until EPA provides public access to the data.

Deliverables and Schedule under Task 3:

Subtask	Deliverable	Due
a.	Sample logged into NARS IM system or transmittal of spreadsheet	Within 24 (clock) hours of sample receipt
a.	Email identifying missing sample	Immediately if sample does not arrive when expected
b.	Access to samples	As specified in the Method
c.	Access to laboratory notebooks	Upon EPA TOCOR's written request via technical direction

Task 4. Final Database (Contract PWS B.1, B.3, C.4)

The contractor shall provide revised and final databases by April 30, 2020 for NRSA and by April 30, 2021 for NCCA for the results of the fish tissue analyses reported in Task 1. The contractor shall provide:

- a. Responses to EPA's questions about the data, as conveyed by the EPA TOCOR's technical direction.
- b. Revised databases per written technical direction describing required changes based upon EPA's review of the data and reconciliation activities.
- c. Final database that incorporates revisions identified by the EPA TOCOR's written technical direction.

Deliverables and Schedule under Task 4:

Subtask	Deliverable	Due
a.	Email with responses to data questions	1-5 working days per written technical direction
b.	Revised databases and emails that summarize the changes	10 working days after receiving the EPA TOCOR's written technical direction. The contractor shall assume five revisions for both the NRSA and NCCA databases. Associated summaries will be required as a result of EPA's review of the data.
c.	Final database (for NRSA and NCCA)	10 working days after receiving written technical direction; but no later than 5 working days prior to the end of the period of performance.

VI. TRAVEL

EPA does not anticipate that any travel will be necessary to perform the tasks in the Performance Work Statement.

VII. QUALITY ASSURANCE SURVEILLANCE PLAN

EPA will judge performance using the following Quality Assurance Surveillance Plan (QASP).

Performance Requirement	Measureable Performance Standards	Surveillance Method	Incentives/Disincentives
Management and Communications: The Contractor shall maintain contact with the EPA TOCOR throughout the performance of the task order and shall immediately bring potential problems to the attention of the EPA TOCOR. In cases where issues have a direct impact on project schedules, cost, time, or quality, the contractor shall provide options for EPA's consideration on resolving the issues or mitigating their impacts.	Any issue adversely impacting project schedules, cost, time or quality shall be brought to the attention of the EPA TOCOR within 3-working days of occurrence.	EPA TOCOR will identify unreported issues.	Two or more incidents where the contractor: <ul style="list-style-type: none"> Does not provide timely notification; or Created a severe adverse situation will be considered unsatisfactory performance and will be reported as such in the CPARS Performance Evaluation System under the category of Management . Fewer than two incidents where the contractor does not meet the measureable performance standard will be considered acceptable performance and will be reported as such in the CPARS Performance

Performance Requirement	Measureable Performance Standards	Surveillance Method	Incentives/Disincentives
			Evaluation System under the category of Business Relations
<p>Timeliness: Data (Task 1) and databases (Task 4) shall be delivered in accordance with the schedule developed in PWS Task 1. After EPA accepts the final schedule in Task 1, it is unlikely that EPA will be willing to extend the schedule due to any factors under the contractor's control (e.g., to complete work under another contract).</p>	<ul style="list-style-type: none"> No more than 25% of the data for Task 1 shall be submitted more than 3 working days past the date in the accepted schedule. None of the data for Task 1 shall be submitted more than 40 working days past the date in the accepted schedule. No more than 10% of the revised databases (Task 4) shall be submitted more than 3 working days past the date in the accepted schedule. No delays in submitting the final database (Task 4) by the "no later than" date in the PWS. 	100% of the progress reports, data submissions, and databases will be reviewed by the EPA TOCOR monthly to compare actual delivery dates against those in the approved schedule from Task 1.	Unsatisfactory rating under the category of Schedule in CPARS when the contractor does not meet the measurable performance standards during the applicable period of performance.
<p>Technical Effort: The Contractor shall assign appropriately leveled and skilled personnel to all tasks; and abide by the contractor's QMP, the NRSA QAPP, and the mercury in fish tissue plugs method.</p>	<p>No more than 25% of reviewed deliverables and data shall require revisions to meet the requirements of the QMP, NRSA QAPP, data templates, and mercury in fish tissue plugs method.</p> <p>All of the assigned staff must meet the LOM requirements for their assigned duties.</p>	100% of the data, key personnel resumes, and will be reviewed by the EPA TOCOR to identify noncompliance issues with the QMP, NRSA QAPP, and mercury in fish tissue plugs method.	Unsatisfactory rating under the category of Quality in CPARS when the contractor does not meet the measurable performance standards during an applicable period of performance.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE		PAGE OF PAGES		
					13		
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
001		See Block 16C		PR-OW-17-00501			
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
CPOD							
US Environmental Protection Agency							
26 West Martin Luther King Drive							
Mail Code: NWD							
Cincinnati OH 45268							
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(x)		9A. AMENDMENT OF SOLICITATION NO.	
ESS GROUP, INC.							
Attn: ROBERT ERICKSON						9B. DATED (SEE ITEM 11)	
10 HEMINGWAY DR # 2							
RIVERSIDE RI 02915							
				x		10A. MODIFICATION OF CONTRACT/ORDER NO.	
						EP-C-16-006	
						0005	
						10B. DATED (SEE ITEM 13)	
						06/20/2017	
CODE 019131986		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended.							
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)				(b)(4)			
See Schedule							
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
CHECK ONE							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D. OTHER (Specify type of modification and authority)							
X FAR 52.216-22 INDEFINITE QUANTITY. (OCT 1995)							
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
DUNS Number: 019131986							
The purpose of modification 1 is to add funding of (b)(4)							
(b)(4)							
Delivery Location Code: OW-OWOW-AWPD-MB							
AWPB-MB							
US EPA-OW-OWOW-AWPD-MB							
1200 PENNSYLVANIA AVE., NW							
MC-4503-T							
WASHINGTON DC 20460							
Continued ...							
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				Sandra Stargardt-Licis			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)				ELECTRONIC SIGNATURE		07/21/2017	
				(Signature of Contracting Officer)			
NSN 7540-01-152-8070							
Previous edition unusable							
STANDARD FORM 30 (REV. 10-83)							
Prescribed by GSA							
FAR (48 CFR) 53.243							

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED EP-C-16-006/0005/001	PAGE	OF
		2	3

NAME OF OFFEROR OR CONTRACTOR
ESS GROUP, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
0001	Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 FOB: Destination Period of Performance: 02/01/2018 to 06/30/2021 Change Item 0001 to read as follows (amount shown is the obligated amount): Base: Perform services in accordance with the attached PWS and proposal in response to Amended - Request for Task Order Proposal, Solicitation PR-OW-16-00682, Project Entitled: "National Aquatic Resource Surveys: Mercury Concentrations in Fish Plugs". (b)(4)				(b)(4)
	Accounting Info: 17-E1-87FM-202B06XP1-4183-1787ME7014-001 BFY: 17 Fund: E1 Budget Org: 87FM Program (PRC): 202B06XP1 Budget (BOC): 4183 DCN - Line ID: 1787ME7014-001 Funding Flag: Partial Funded: \$0.00 Accounting Info: 17-E1-87FM-202B06XP1-2505-1787ME7028-001 BFY: 17 Fund: E1 Budget Org: 87FM Program (PRC): 202B06XP1 Budget (BOC): 2505 DCN - Line ID: 1787ME7028-001 Funding Flag: Partial Funded: (b)(4) Change Item 0002 to read as follows (amount shown is the obligated amount): Perform services in accordance with the attached PWS and proposal in response to Amended - Request for Task Order Proposal, Solicitation PR-OW-16-00682, Project Entitled: "National Aquatic Resource Surveys: Mercury Concentrations in Fish Plugs". (b)(4) Continued ...				
0002					

NAME OF OFFEROR OR CONTRACTOR
ESS GROUP, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<div>(b)(4)</div> <div>(Option Line Item)</div>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES	
						1 5	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
P00002		See Block 16C		PR-OW-18-00335			
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
CPOD							
US Environmental Protection Agency							
26 West Martin Luther King Drive							
Mail Code: NWD							
Cincinnati OH 45268							
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(x)		9A. AMENDMENT OF SOLICITATION NO.	
ESS GROUP, INC.							
Attn: ROBERT ERICKSON						9B. DATED (SEE ITEM 11)	
10 HEMINGWAY DR # 2							
RIVERSIDE RI 02915							
CODE		FACILITY CODE		x		10A. MODIFICATION OF CONTRACT/ORDER NO.	
019131986						EP-C-16-006	
						0005	
						10B. DATED (SEE ITEM 13)	
						06/20/2017	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)				(b)(4)			
See Schedule							
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).						
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:						
X	D. OTHER (Specify type of modification and authority) Unilateral - FAR 52.216-22 INDEFINITE QUANTITY. (OCT 1995)						
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
DUNS Number: 019131986							
The purpose of modification is to exercise (b)(4)							
(b)(4)							
(b)(4) and changes the							
Contract Specialist and Contracting Officer of the task order to Nicholas Bisher and Angela Lower, respectively. All other terms and conditions remain unchanged.							
TOCOR: Kendra Forde Max Expire Date: 06/30/2021							
LIST OF CHANGES:							
Reason for Modification: Exercise an Option							
Continued ...							
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				Angela Lower			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)				 (Signature of Contracting Officer)		ELECTRONIC SIGNATURE 06/26/2018	

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-C-16-006/0005/P00002

PAGE OF
2 5

NAME OF OFFEROR OR CONTRACTOR
ESS GROUP, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Obligated Amount for this Modification: (b)(4)</p> <p>New Total Obligated Amount for this Award: (b)(4)</p> <p>Incremental Funded Amount changed: (b)(4) (b)(4)</p> <p>Buyer changed from D'Andre Boulden to Nicholas Bisher</p> <p>Contracting Officer changed from Sandra Stargardt-Licis to Angela Lower</p> <p>CHANGES FOR LINE ITEM NUMBER: 2 (b)(4)</p> <p>CHANGES FOR DELIVERY LOCATION: (b)(4)</p> <p>CHANGES FOR LINE ITEM NUMBER: 1</p> <p>Option A: (b)(4)</p> <p>Total Amount changed (b)(4)</p> <p>(b)(4)</p> <p>(b)(4)</p> <p>CHANGES FOR DELIVERY LOCATION: OW-OWOW-AWPD-MB Amount changed from (b)(4)</p> <p>NEW ACCOUNTING CODE ADDED: Continued ...</p>				

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	EP-C-16-006/0005/P00002	3	5

NAME OF OFFEROR OR CONTRACTOR

ESS GROUP, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Account code: 18-E1-87FM-000B06XP1-4183-1887ME8011-001 Beginning FiscalYear 18 Ending Fiscal Year Fund (Appropriation) E1 Budget Organization 87FM Program (PRC) 000B06XP1 Budget (BOC) 4183 Job # (Site/Project) Cost Organization DCN-LineID 1887ME8011-001 Quantity: 0 Amount: (b)(4) Percent: (b)(4) Subject To Funding: N Payment Address: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 NEW ACCOUNTING CODE ADDED: Account code: 18-19-B-87FM-000BD4-2505-1887ME8011-002 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) B Budget Organization 87FM Program (PRC) 000BD4 Budget (BOC) 2505 Job # (Site/Project) Cost Organization DCN-LineID 1887ME8011-002 Quantity: 0 Amount: (b)(4) Percent: (b)(4) Subject To Funding: N Payment Address: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 Continued ...				

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED EP-C-16-006/0005/P00002	PAGE	OF
		4	5

NAME OF OFFEROR OR CONTRACTOR
ESS GROUP, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
0001	<p>Delivery Location Code: OW-OWOW-AWPD-MB AWPB-MB US EPA-OW-OWOW-AWPD-MB 1200 PENNSYLVANIA AVE., NW MC-4503-T WASHINGTON DC 20460</p> <p>Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 Period of Performance: 02/01/2018 to 06/30/2021</p> <p>Change Item 0001 to read as follows (amount shown is the obligated amount):</p> <p>Base: Perform services in accordance with the attached PWS and proposal in response to Amended - Request for Task Order Proposal, Solicitation PR-OW-16-00682, Project Entitled: "National Aquatic Resource Surveys: Mercury Concentrations in Fish Plugs".</p> <p>Option A:</p> <div style="border: 1px solid black; height: 40px; width: 100%;">(b)(4)</div> <p>Accounting Info: 17-E1-87FM-202B06XP1-4183-1787ME7014-001 BFY: 17 Fund: E1 Budget Org: 87FM Program (PRC): 202B06XP1 Budget (BOC): 4183 DCN - Line ID: 1787ME7014-001 Funding Flag: Partial Funded: \$0.00 Accounting Info: 17-E1-87FM-202B06XP1-2505-1787ME7028-001 BFY: 17 Fund: E1 Budget Org: 87FM Program (PRC): 202B06XP1 Budget (BOC): 2505 DCN - Line ID: 1787ME7028-001 Funding Flag: Partial Funded: \$0.00 Accounting Info: 18-E1-87FM-000B06XP1-4183-1887ME8011-001 BFY: 18 Fund: E1 Budget Org: 87FM Program (PRC): 000B06XP1 Budget (BOC): 4183 DCN - Line ID: Continued ...</p>				<div style="border: 1px solid black; width: 100%; height: 40px; display: flex; align-items: center; justify-content: center;">(b)(4)</div>

NAME OF OFFEROR OR CONTRACTOR
ESS GROUP, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
0002	<div>1887ME8011-001</div> <div>Funding Flag: Partial</div> <div>Funded: (b)(4)</div> <div>Accounting Info:</div> <div>18-19-B-87FM-000BD4-2505-1887ME8011-002 BFY: 18</div> <div>EFY: 19 Fund: B Budget Org: 87FM Program (PRC):</div> <div>000BD4 Budget (BOC): 2505 DCN - Line ID:</div> <div>1887ME8011-002</div> <div>Funding Flag: Partial</div> <div>Funded: (b)(4)</div> <div>Change Item 0002 to read as follows (amount shown is the obligated amount):</div> <div>Perform services in accordance with the attached PWS and proposal in response to Amended - Request for Task Order Proposal, Solicitation PR-OW-16-00682, Project Entitled: "National Aquatic Resource Surveys: Mercury Concentrations in Fish Plugs".</div> <div>Option A: Quantity Options. (b)(4)</div> <div>(b)(4)</div> <div>14 quantity options now remain after P00002 (Option Line Item)</div>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 5	
2. AMENDMENT/MODIFICATION NO. P00003		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. PR-OW-19-00063	
6. ISSUED BY CP0D US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268		7. ADMINISTERED BY (If other than Item 6)		5. PROJECT NO. (If applicable)	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ESS GROUP, INC. Attn: ROBERT ERICKSON 10 HEMINGWAY DR # 2 RIVERSIDE RI 02915		(x)		9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
		x		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-C-16-006 0005	
				10B. DATED (SEE ITEM 13) 06/20/2017	
CODE 019131986		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

(b)(4)

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Unilateral - FAR 52.216-22 INDEFINITE QUANTITY. (OCT 1995)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

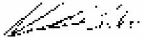
DUNS Number: 019131986

The purpose of modification is to:

1. Exercise three (3) quantity options of (b)(4)
(b)(4)
(b)(4)

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Nicholas Bisher	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 12/11/2018

Previous edition unusable

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-C-16-006/0005/P00003PAGE OF
2 5NAME OF OFFEROR OR CONTRACTOR
ESS GROUP, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>2. Update the contracting officer from Angela Lower to Nicholas Bisher, (513)487-2652, Bisher.Nicholas@epa.gov.</p> <p>TOCOR: Kendra Forde Max Expire Date: 06/30/2021 InvoiceApprover: Kendra Forde LIST OF CHANGES: Reason for Modification: Exercise an Option Total Amount for this Modification: \$0.00 Obligated Amount for this Modification: (b)(4) New Total Obligated Amount for this Award: (b)(4) Incremental Funded Amount changed: (b)(4)</p> <p>CHANGES FOR LINE ITEM NUMBER: 3</p> <p>OPTION EXERCISED ON P00003 Total Amount changed (b)(4)</p> <p>CHANGES FOR DELIVERY LOCATION: (b)(4)</p> <p>CHANGES FOR LINE ITEM NUMBER: 2 (b)(4)</p> <p>CHANGES FOR DELIVERY LOCATION: (b)(4)</p> <p>CHANGES FOR LINE ITEM NUMBER: 1 Total Amount changed (b)(4) Obligated Amount for this Modification: (b)(4) Incremental Funded Amount changed from (b)(4)</p> <p>CHANGES FOR DELIVERY LOCATION: OW-OWOW-AWPD-MB Amount changed from (b)(4)</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-E1-87FM-000B06XP1-4183-1887ME8032-001 Continued ...</p>				

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	EP-C-16-006/0005/P00003	3	5

NAME OF OFFEROR OR CONTRACTOR
ESS GROUP, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
0001	<p>Beginning FiscalYear 18 Ending Fiscal Year Fund (Appropriation) E1 Budget Organization 87FM Program (PRC) 000B06XP1 Budget (BOC) 4183 Job # (Site/Project) Cost Organization DCN-LineID 1887ME8032-001 Quantity: 0 Amount: (b)(4) Percent: (b)(4) Subject To Funding: N Payment Address: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711</p> <p>Delivery Location Code: OW-OWOW-AWPD-MB AWPB-MB US EPA-OW-OWOW-AWPD-MB 1200 PENNSYLVANIA AVE., NW MC-4503-T WASHINGTON DC 20460</p> <p>Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711</p> <p>Period of Performance: 02/01/2018 to 06/30/2021</p> <p>Change Item 0001 to read as follows (amount shown is the obligated amount):</p> <p>Base: Perform services in accordance with the attached PWS and proposal in response to Amended - Request for Task Order Proposal, Solicitation PR-OW-16-00682, Project Entitled: "National Aquatic Resource Surveys: Mercury Concentrations in Fish Plugs".</p> <p>Option A: Continued ...</p>				(b)(4)

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED EP-C-16-006/0005/P00003	PAGE	OF
		4	5

NAME OF OFFEROR OR CONTRACTOR
ESS GROUP, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	(b)(4)				
	(b)(4)				
	<p>Accounting Info:</p> <p>17-E1-87FM-202B06XP1-4183-1787ME7014-001 BFY: 17</p> <p>Fund: E1 Budget Org: 87FM Program (PRC):</p> <p>202B06XP1 Budget (BOC): 4183 DCN - Line ID:</p> <p>1787ME7014-001</p> <p>Funding Flag: Partial</p> <p>Funded: \$0.00</p> <p>Accounting Info:</p> <p>17-E1-87FM-202B06XP1-2505-1787ME7028-001 BFY: 17</p> <p>Fund: E1 Budget Org: 87FM Program (PRC):</p> <p>202B06XP1 Budget (BOC): 2505 DCN - Line ID:</p> <p>1787ME7028-001</p> <p>Funding Flag: Partial</p> <p>Funded: \$0.00</p> <p>Accounting Info:</p> <p>18-E1-87FM-000B06XP1-4183-1887ME8011-001 BFY: 18</p> <p>Fund: E1 Budget Org: 87FM Program (PRC):</p> <p>000B06XP1 Budget (BOC): 4183 DCN - Line ID:</p> <p>1887ME8011-001</p> <p>Funding Flag: Partial</p> <p>Funded: \$0.00</p> <p>Accounting Info:</p> <p>18-19-B-87FM-000BD4-2505-1887ME8011-002 BFY: 18</p> <p>EFY: 19 Fund: B Budget Org: 87FM Program (PRC):</p> <p>000BD4 Budget (BOC): 2505 DCN - Line ID:</p> <p>1887ME8011-002</p> <p>Funding Flag: Partial</p> <p>Funded: \$0.00</p> <p>Accounting Info:</p> <p>18-E1-87FM-000B06XP1-4183-1887ME8032-001 BFY: 18</p> <p>Fund: E1 Budget Org: 87FM Program (PRC):</p> <p>000B06XP1 Budget (BOC): 4183 DCN - Line ID:</p> <p>1887ME8032-001</p> <p>Funding Flag: Partial</p> <p>Funded: (b)(4)</p> <p>Change Item 0002 to read as follows (amount shown is the obligated amount):</p> <p>Continued ...</p>				

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	EP-C-16-006/0005/P00003	5	5

NAME OF OFFEROR OR CONTRACTOR

ESS GROUP, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
0002	<p>Perform services in accordance with the attached PWS and proposal in response to Amended - Request for Task Order Proposal, Solicitation PR-OW-16-00682, Project Entitled: "National Aquatic Resource Surveys: Mercury Concentrations in Fish Plugs".</p> <p>Option A: Quantity Options. (b)(4)</p> <p>(b)(4)</p> <p>11 quantity options now remain after P00003 (Option Line Item)</p> <p>Change Item 0003 to read as follows (amount shown is the obligated amount):</p>				
0003	<p>Option 2: Perform services in accordance with the attached PWS and proposal in response to Amended - Request for Task Order Proposal, Solicitation PR-OW-16-00682, Project Entitled: "National Aquatic Resource Surveys: Mercury Concentrations in Fish Plugs". (b)(4)</p> <p>(b)(4)</p> <p>OPTION EXERCISED ON P00003 (Option Line Item)</p> <p>All other terms and conditions remain unchanged</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES	
						1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
P00004		See Block 16C		PR-OW-19-00269			
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
CPOD							
US Environmental Protection Agency							
26 West Martin Luther King Drive							
Mail Code: NWD							
Cincinnati OH 45268							
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(x)		9A. AMENDMENT OF SOLICITATION NO.	
ESS GROUP, INC.							
Attn: ROBERT ERICKSON						9B. DATED (SEE ITEM 11)	
10 HEMINGWAY DR # 2							
RIVERSIDE RI 02915							
				x		10A. MODIFICATION OF CONTRACT/ORDER NO.	
						EP-C-16-006	
						0005	
						10B. DATED (SEE ITEM 13)	
						06/20/2017	
CODE 019131986		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
See Schedule							
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).						
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:						
	D. OTHER (Specify type of modification and authority)						
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
DUNS Number: 019131986							
The purpose of modification is to update the Task Order Contracting Officer's Representative (TOCOR) to Lareina Guenzel, (202) 566-0455, Guenzel.lareina@epa.gov.							
TOCOR: Lareina Guenzel Max Expire Date: 06/30/2021 Invoice Approver: Lareina Guenzel Alt							
Invoice App: Brian Hasty							
LIST OF CHANGES:							
Reason for Modification: Other Administrative Action							
Total Amount for this Modification: \$0.00							
New Total Amount for this Version: \$0.00							
Continued ...							
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				Nicholas Bisher			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)				 (Electronic Signature) (Signature of Contracting Officer)		04/18/2019	

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	EP-C-16-006/0005/P00004	2	2

NAME OF OFFEROR OR CONTRACTOR

ESS GROUP, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>New Total Amount for this Award: \$215,500.00</p> <p>Contracting Officer Representative changed from Kendra Forde</p> <p>to Lareina Guenzel</p> <p>TOCOR (Task Order Contracting Officer's Representative) changed to : Lareina Guenzel</p> <p>Invoice Approving Official changed to : Lareina Guenzel</p> <p>Delivery Location Code: CPOD CPOD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268 USA</p> <p>Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711</p> <p>FOB: Unknown</p> <p>Period of Performance: 02/01/2018 to 06/30/2021</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. P00005		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. See Schedule	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE CPOD		7. ADMINISTERED BY (If other than Item 6) CODE	
CPOD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268					
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ESS GROUP, INC. Attn: ROBERT ERICKSON 10 HEMINGWAY DR # 2 RIVERSIDE RI 02915		(x)		9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
		x		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-C-16-006 0005	
				10B. DATED (SEE ITEM 13) 06/20/2017	
CODE 019131986		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

(b)(4)

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Unilateral - FAR 52.216-22 INDEFINITE QUANTITY. (OCT 1995)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return _____ copies to the issuing office.

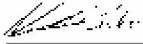
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 019131986

The purpose of modification is to exercise	(b)(4)
(b)(4)	

TOCOR: Lareina Guenzel Max Expire Date: 06/30/2021 Invoice Approver: Lareina Guenzel Alt
Invoice App: Brian Hasty
Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Nicholas Bisher	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 07/18/2019

Previous edition unusable

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-C-16-006/0005/P00005PAGE OF
2 3NAME OF OFFEROR OR CONTRACTOR
ESS GROUP, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>LIST OF CHANGES:</p> <p>Reason for Modification: Exercise an Option</p> <p>Total Amount for this Modification: \$0.00</p> <p>New Total Amount for this Version: \$215,500.00</p> <p>New Total Amount for this Award: \$215,500.00</p> <p>Obligated Amount for this Modification: (b)(4)</p> <p>New Total Obligated Amount for this Award:</p> <p>(b)(4)</p> <p>Incremental Funded Amount changed:</p> <p>(b)(4)</p> <p>CHANGES FOR LINE ITEM NUMBER: 2</p> <p>(b)(4)</p> <p>CHANGES FOR LINE ITEM NUMBER: 1</p> <p>Total Amount changed</p> <p>(b)(4)</p> <p>CHANGES FOR DELIVERY LOCATION: OW-OWOW-AWPD-MR</p> <p>Amount changed (b)(4)</p> <p>NEW ACCOUNTING CODE ADDED:</p> <p>Account code:</p> <p>19-20-B-05HEL-000BJ7XF5-2505-1905HIX503-001</p> <p>Beginning FiscalYear 19</p> <p>Ending Fiscal Year 20</p> <p>Fund (Appropriation) B</p> <p>Budget Organization 05HEL</p> <p>Program (PRC) 000BJ7XF5</p> <p>Budget (BOC) 2505</p> <p>Job # (Site/Project)</p> <p>Cost Organization</p> <p>DCN-LineID 1905HIX503-001</p> <p>Quantity: 0</p> <p>Amount: (b)(4)</p> <p>Percent: (b)(4)</p> <p>Subject To Funding: N</p> <p>Payment Address:</p> <p>RTP Finance Center</p> <p>US Environmental Protection Agency</p> <p>RTP-Finance Center (AA216-01)</p> <p>109 TW Alexander Drive</p> <p>www2.epa.gov/financial/contracts</p> <p>Continued ...</p>				

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-C-16-006/0005/P00005PAGE OF
3 3NAME OF OFFEROR OR CONTRACTOR
ESS GROUP, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Durham NC 27711 NEW ACCOUNTING CODE ADDED: Account code: 19-E1-87FM-000B06XP1-4183-1987ME9018-001 Beginning FiscalYear 19 Ending Fiscal Year Fund (Appropriation) E1 Budget Organization 87FM Program (PRC) 000B06XP1 Budget (BOC) 4183 Job # (Site/Project) Cost Organization DCN-LineID 1987ME9018-001 Quantity: 0 Amount: (b)(4) Percent: (b)(4) Subject To Funding: N Payment Address: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 Period of Performance: 02/01/2018 to 06/30/2021				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES	
						1 3	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
P00006		See Block 16C		PR-OW-20-00093			
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
CAD							
CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001							
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(x)			
ESS GROUP, INC. Attn: ROBERT ERICKSON 10 HEMINGWAY DR # 2 RIVERSIDE RI 02915				9A. AMENDMENT OF SOLICITATION NO.			
				9B. DATED (SEE ITEM 11)			
				x 10A. MODIFICATION OF CONTRACT/ORDER NO.			
				EP-C-16-006			
				0005			
				10B. DATED (SEE ITEM 13)			
CODE 019131986				FACILITY CODE			
				06/20/2017			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
See Schedule							
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).						
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:						
	D. OTHER (Specify type of modification and authority)						
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
DUNS Number: 019131986							
The purpose of modification is to update the Task Order Contracting Officer's Representative (TOCOR) to Kendra Forde, 202-566-0417, Forde.Kendra@epa.gov.							
TOCOR: Kendra Forde Max Expire Date: 06/30/2021 Invoice Approver: Kendra Forde Alt Invoice App: Brian Hasty							
LIST OF CHANGES:							
Continued ...							
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				Nicholas Bisher			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)				 (Signature of Contracting Officer)		ELECTRONIC SIGNATURE 12/12/2019	

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	EP-C-16-006/0005/P00006	2	3

NAME OF OFFEROR OR CONTRACTOR
ESS GROUP, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Reason for Modification: Other Administrative Action</p> <p>Total Amount for this Modification: \$0.00</p> <p>New Total Amount for this Version: \$0.00</p> <p>New Total Amount for this Award: \$215,500.00</p> <p>Contracting Officer Representative changed from Lareina Guenzel</p> <p>to Kendra Forde</p> <p>TOCOR (Task Order Contracting Officer's Representative) changed to : Kendra Forde</p> <p>Invoice Approving Official changed to : Kendra Forde</p> <p>CHANGES FOR LINE ITEM NUMBER: 9999</p> <p>NEW ACCOUNTING CODE ADDED:</p> <p>Account code:</p> <p>Beginning FiscalYear 00</p> <p>Ending Fiscal Year</p> <p>Fund (Appropriation) ZERO</p> <p>Budget Organization DOLLAR</p> <p>Program (PRC) ADMIN</p> <p>Budget (BOC) REQ</p> <p>Job # (Site/Project)</p> <p>Cost Organization</p> <p>DCN-LineID</p> <p>Quantity: 0</p> <p>Amount: \$0.00</p> <p>Percent: 0</p> <p>Subject To Funding: N</p> <p>Payment Address:</p> <p>RTP Finance Center</p> <p>US Environmental Protection Agency</p> <p>RTP-Finance Center (AA216-01)</p> <p>109 TW Alexander Drive</p> <p>www2.epa.gov/financial/contracts</p> <p>Durham NC 27711</p> <p>Continued ...</p>				

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	EP-C-16-006/0005/P00006	3	3

NAME OF OFFEROR OR CONTRACTOR

ESS GROUP, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 FOB: Unknown Period of Performance: 02/01/2018 to 06/30/2021				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES	
						1 3	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
P00007		See Block 16C		PR-OW-20-00378			
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
CAD							
CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001							
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(x)			
ESS GROUP, INC. Attn: ROBERT ERICKSON 10 HEMINGWAY DR # 2 RIVERSIDE RI 02915							
				9A. AMENDMENT OF SOLICITATION NO.			
				9B. DATED (SEE ITEM 11)			
				x			
				10A. MODIFICATION OF CONTRACT/ORDER NO.			
				EP-C-16-006			
				0005			
				10B. DATED (SEE ITEM 13)			
				06/20/2017			
CODE 019131986		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)				(b)(4)			
See Schedule							
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).						
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:						
X	D. OTHER (Specify type of modification and authority) Unilateral - FAR 52.216-22 INDEFINITE QUANTITY. (OCT 1995)						
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
DUNS Number: 019131986							
The purpose of modification is to exercise one (b)(4)							
(b)(4)							
(b)(4) This modification also changes the Contract Specialist from Nicholas Bisher to Amanda Toole and changes the Contracting Officer from Nicholas Bisher to Sandra Stargardt-Licis. All other terms and conditions remain unchanged.							
TOCOR: Kendra Forde Max Expire Date: 06/30/2021 Invoice Approver: Kendra Forde Alt Invoice App: Brian Hasty Continued ...							
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				Sandra Stargardt-Licis			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)				ELECTRONIC SIGNATURE		05/11/2020	
				(Signature of Contracting Officer)			

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-C-16-006/0005/P00007PAGE OF
2 3NAME OF OFFEROR OR CONTRACTOR
ESS GROUP, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>LIST OF CHANGES:</p> <p>Reason for Modification: Exercise an Option Total Amount for this Modification: \$0.00 New Total Amount for this Version: \$215,500.00 New Total Amount for this Award: \$215,500.00 Obligated Amount for this Modification: (b)(4) New Total Obligated Amount for this Award: (b)(4) Incremental Funded Amount changed: (b)(4) (b)(4)</p> <p>Buyer changed from Nicholas Bisher to Amanda Toole</p> <p>Contracting Officer changed from Nicholas Bisher to Sandra Stargardt-Licis</p> <p>CHANGES FOR LINE ITEM NUMBER: 2</p> <p>Quantity changed from (b)(4) Total Amount changed (b)(4)</p> <p>CHANGES FOR DELIVERY LOCATION: Quantity changed from (b)(4) Amount changed (b)(4)</p> <p>CHANGES FOR LINE ITEM NUMBER: 1</p> <p>Total Amount (b)(5) (b)(4)</p> <p>CHANGES FOR DELIVERY LOCATION: OW-OWOW-AWPD-MB Amount changed (b)(4)</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 20-21-B-87FM-000B67-2505-2087ME4008-001 Beginning Fiscal Year 20 Ending Fiscal Year 21 Fund (Appropriation) B Budget Organization 87FM Program (PRC) 000B67 Budget (BOC) 2505 Job # (Site/Project) Cost Organization Continued ...</p>				

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-C-16-006/0005/P00007PAGE OF
3 3NAME OF OFFEROR OR CONTRACTOR
ESS GROUP, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>DCN-LineID 2087ME4008-001</p> <p>Quantity: 0</p> <p>Amount: (b)(4)</p> <p>Percent: (b)(4)</p> <p>Subject To Funding: N</p> <p>Payment Address:</p> <p>RTP Finance Center</p> <p>US Environmental Protection Agency</p> <p>RTP-Finance Center (AA216-01)</p> <p>109 TW Alexander Drive</p> <p>www2.epa.gov/financial/contracts</p> <p>Durham NC 27711</p> <p>NEW ACCOUNTING CODE ADDED:</p> <p>Account code:</p> <p>19-E1-87FM-000B06XP1-4183-2087ME4008-002</p> <p>Beginning FiscalYear 19</p> <p>Ending Fiscal Year</p> <p>Fund (Appropriation) E1</p> <p>Budget Organization 87FM</p> <p>Program (PRC) 000B06XP1</p> <p>Budget (BOC) 4183</p> <p>Job # (Site/Project)</p> <p>Cost Organization</p> <p>DCN-LineID 2087ME4008-002</p> <p>Quantity: 0</p> <p>Amount: (b)(4)</p> <p>Percent: (b)(4)</p> <p>Subject To Funding: N</p> <p>Payment Address:</p> <p>RTP Finance Center</p> <p>US Environmental Protection Agency</p> <p>RTP-Finance Center (AA216-01)</p> <p>109 TW Alexander Drive</p> <p>www2.epa.gov/financial/contracts</p> <p>Durham NC 27711</p> <p>Payment:</p> <p>RTP Finance Center</p> <p>US Environmental Protection Agency</p> <p>RTP-Finance Center (AA216-01)</p> <p>109 TW Alexander Drive</p> <p>www2.epa.gov/financial/contracts</p> <p>Durham NC 27711</p> <p>Period of Performance: 02/01/2018 to 06/30/2021</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. P00008		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY CAD		7. ADMINISTERED BY (If other than Item 6) CODE	
CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001		8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ESS GROUP, INC. Attn: ROBERT ERICKSON 10 HEMINGWAY DR # 2 RIVERSIDE RI 02915		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11)	
CODE 019131986		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-C-16-006 0005 10B. DATED (SEE ITEM 13) 06/20/2017	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
DUNS Number: 019131986

TOCOR: Kendra Forde Max Expire Date: 06/30/2021 Invoice Approver: Kendra Forde Alt Invoice App: Brian Hasty
LIST OF CHANGES:
Reason for Modification: Other Administrative Action

Section I: Clause titled "Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment. (AUG 2020)" is incorporated by reference.
Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sandra Stargardt-Licis	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA ELECTRONIC SIGNATURE (Signature of Contracting Officer)	16C. DATE SIGNED 09/03/2020

Previous edition unusable

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-C-16-006/0005/P00008

PAGE

OF

2

2

NAME OF OFFEROR OR CONTRACTOR

ESS GROUP, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>or Equipment. (AUG 2020)</p> <p>The purpose of this modification is to incorporate the attached EPA blanket administrative modification signed by Raoul Scott on July 30, 2020. All other terms and conditions remain unchanged.</p> <p>Payment:</p> <p>RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711</p> <p>Period of Performance: 02/01/2018 to 06/30/2021</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES	
						1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
P00009		See Block 16C		PR-OW-21-00096			
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
CAD							
CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001							
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(x)			
ESS GROUP, INC. Attn: ROBERT ERICKSON 10 HEMINGWAY DR # 2 RIVERSIDE RI 02915				9A. AMENDMENT OF SOLICITATION NO.			
				9B. DATED (SEE ITEM 11)			
				x 10A. MODIFICATION OF CONTRACT/ORDER NO. EP-C-16-006 0005			
				10B. DATED (SEE ITEM 13) 06/20/2017			
CODE 019131986		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule							
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).						
x	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Bilateral - FAR 52.243-1 and Mutual Agreement of the Parties						
	D. OTHER (Specify type of modification and authority)						
E. IMPORTANT: Contractor <input type="checkbox"/> is not <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
DUNS Number: 019131986							
The purpose of this modification is to extend the Period of Performance end date from June 30, 2021 to May 30, 2022 in accordance with the attached revised Performance Work Statement at no additional cost to the government due to delays related to the COVID-19 Pandemic.							
TOCOR: Kendra Forde Max Expire Date: 05/30/2022 Invoice Approver: Kendra Forde Alt Invoice App: Brian Hasty							
LIST OF CHANGES:							
Reason for Modification: Supplemental Agreement for work within scope							
Period Of Performance End Date changed from 30-JUN-21 to 30-MAY-22							
Maximum Potential Expiration Date changed to: 05/30/2022							
Continued ...							
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				Sandra Stargardt-Licis			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)				ELECTRONIC SIGNATURE (Signature of Contracting Officer)		12/14/2020	

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NAME OF OFFEROR OR CONTRACTOR
ESS GROUP, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 FOB: Unknown Period of Performance: 02/01/2018 to 05/30/2022				

**Performance Work Statement
NARS2 Contract
EP-C-16-006; Task Order 5**

A. TITLE: National Aquatic Resource Surveys: Mercury Concentrations in Fish Plugs

B. EPA PERSONNEL

Task Order Contracting Officer Representative (TOCOR):

Name: Kendra Forde
Office: Office of Water/Office of Wetlands, Oceans &
Watersheds/Assessment and Watershed Protection
Division/Monitoring Branch
Address: 1200 Pennsylvania Avenue NW (4503T), Washington, DC 20460
Telephone: 202-566-0417
E-mail: Forde.Kendra@epa.gov

Alternate Task Order Contracting Officer Representative (ATOCOR):

Name: Brian Hasty
Office: Office of Water/Office of Wetlands, Oceans &
Watersheds/Assessment and Watershed Protection
Division/Monitoring Branch
Address: 1200 Pennsylvania Avenue NW (4503T), Washington, DC 20460
Telephone: 202-564-2236
E-mail: hasty.brian@epa.gov

C. PERIOD OF PERFORMANCE

Base Period: February 1, 2018 through April 30, 2020

Option Period: May 1, 2020 through ~~June 30, 2021~~ May 30, 2022

D. TASK ORDER TYPE

Firm Fixed Price

I. BACKGROUND:

These National Aquatic Resource Surveys (NARS) program consists of four surveys that operate on a 5-year cycle. In 2018-2019, the NARS program will conduct the National Rivers and Streams Assessment (NRSA), followed by the National Coastal Condition Assessment (NCCA) in 2020. The NARS program is striving for consistency in laboratory protocols from one survey to the next. NRSA has already decided to evaluate mercury levels measured in fish plugs. NCCA also is considering its inclusion as an indicator. Because the laboratory procedure for measuring mercury in fish plugs is the same whether fish are collected in rivers, streams, or coastal waters, EPA has decided to use a single task order for laboratory services that shall process the samples from NRSA and potentially NCCA.

Field crews from EPA, United States Geological Survey (USGS), States, and Tribes will collect samples from streams and rivers from June 1 through September 30 in study years 2018 and 2019; and coastal waters and the Great Lakes from May 1 through September 30 in study year 2020. At each site, the field crew shall collect two fish tissue plugs for mercury analysis from two fish of the same species (one plug per fish). The field crews shall combine the two plugs into a single vial, containing 0.5 to 0.7 grams. To minimize moisture loss, analytical methods may specify relatively short holding times (e.g., 28 days).

EPA arranges for laboratory support for processing the fish plug samples. States and Tribes can choose to use their own laboratories or EPA's contract laboratory. Because of State, Tribal, and EPA choices, the actual number of samples can vary throughout the season. In addition, there are circumstances in which field crews might not collect samples from fish. Considering these aspects, during the task order's base period, the contractor shall receive a minimum of 1500 samples with options for EPA to order a maximum of 1000 additional samples. During the option year, the contractor shall receive a minimum of 500 samples for processing through the life of task order. To allow for the potential of additional coastal samples collected by the survey, Islands, and other regional studies, the task order contains options for EPA to order up to an additional 1000 samples.

Before the laboratory submits the data to EPA, the analyst who generated the data and a quality assurance manager/data reviewer must independently check and review the data:

- The analyst shall review the data to ensure that:
 - Sample preparation information is correct and complete
 - The appropriate method from the NRSA Laboratory Operations Manual was followed
 - Analytical results are correct and complete
 - Quality control measures were within established limits
 - Documentation is complete
- The quality assurance manager/data reviewer shall review the data package to verify that:
 - Internal QC are included for each batch of samples
 - Quality control measures were within established guidelines
 - Qualitative and quantitative results are correct
 - Data spreadsheet conforms to EPA data template requirements
 - Documentation is complete

Accompanying its data submission for each batch, the laboratory shall provide a short narrative that includes the following information:

- Project summary referencing the batch QC identification number, total number of samples in the batch and their sample numbers, and the analytical methodology used for analysis;
- Discussion of any protocol deviations that may have occurred during sample testing;
- Discussion of QC questions that were encountered and the corrective measures taken;
- Definitions of any laboratory QC codes used in the data;
- Internal QC exceeding established control limits or parameters required by laboratory internal analytical SOPs.

Once but no more than twice during each performance period, the External QC Coordinator (an EPA or EPA contractor separate from this Task Order) shall provide one or two identical sets of QC samples to all participating laboratories. Each set shall contain up to five QC samples. As determined by the External QC Coordinator, the QC samples may be synthetic; aliquots of additional samples collected at NRSA or NCCA sites; or reference samples obtained from an organization such as the National Institute of Standards and Technology. Each laboratory will run the QC samples following the same procedures used for the other samples. The External QC Coordinator shall compare the results to the expected value and determine consistency between laboratories (e.g., determine if one laboratory is consistently higher or lower than all others). Based upon the evaluation, the External QC Coordinator may request additional information from one or more laboratories about any unique laboratory practices that might account for differences between the laboratory and others. With this additional information, the External QC Coordinator shall determine an appropriate course of action, including no action, flagging the data, or excluding some or all of the laboratory's data.

As another potential quality control step of field operations, EPA may require each field crew to provide field blank samples. In this case, the contractor shall analyze each field blank sample using the same procedures as those for the regular field samples.

II. PURPOSE

The purpose of this task order is to measure total mercury concentrations in fish plug samples collected in the 2018-2019 NRSA, 2020 NCCA, and related studies. The types of support required for this project include technical support, sample analyses, transmittal of the results in database format, and a revised database at the conclusion of quality control procedures.

III. GOVERNMENT FURNISHED INFORMATION

EPA will arrange for delivery of the samples to the laboratories.

The following documents are references for the task order. They are located at:

https://usepa.sharepoint.com/sites/OW_Community/nars/layouts/15/start.aspx#/Contracts/Forms/AllItems.aspx.

- 2018-2019 NRSA Laboratory Operations Manual (LOM) (The PWS refers to the relevant chapter as the "Method.")
- 2018-2019 NRSA Field Operations Manual (FOM); and
- Data template (i.e., spreadsheet for reporting laboratory data).

As they become available, the EPA TOCOR will provide the contractor with revisions of relevant documents, including the 2018-2019 FOM, 2018-2019 LOM, and any other information deemed necessary for the contractor to provide the support for the Performance Work Statement (PWS).

IV. GENERAL REQUIREMENTS

In providing support under the tasks described in Section V, the contractor also shall adhere to the following general requirements:

1. Deliverables (see Contract PWS B.1)

Memoranda shall be placed on company letterhead and the subject line shall include the phrase “EPA Contract #”.

The contractor shall name all electronic files using a logical abbreviation for the name of the document (e.g., TO14Data), the contractor name, and the date of edits to assist in version control (ex: TO14Data_ LABNAME_2020_12_02).

The contractor shall use EPA’s templates for reporting the results of the laboratory procedures for the NRSA and NCCA samples. For any other database or spreadsheet submitted to EPA, the contractor shall provide metadata that, at a minimum, identify the fields recorded for each sample, define the codes used for the field, and include the version number and date.

The contractor shall ensure that documentation is created using Agency standard software formats (e.g., Microsoft Office) to facilitate EPA use and review.

2. Identification at Meetings/Teleconferences (see Contract clause C.2)

Contractor personnel shall always identify themselves as contractor employees by name and organization. Contractor personnel are prohibited from acting as the Agency’s official representative. The contractor shall refer any questions relating to the interpretation of EPA policy, guidance, or regulation to the TOCOR.

V. SCOPE OF WORK

The contractor shall provide laboratory support for measuring mercury in fish plug samples as described in the following tasks.

Task 1. Task Order Management and Monthly progress reports (See Contract Attachment 3; PWS B.2 and C.4)

The contractor shall manage the Task Order (TO) and submit monthly progress and financial reports prepared and submitted in accordance with the contract clause, Contract Attachment 3, Reports of Work.

- a. Teleconferences: The contractor, and its laboratories, shall participate in EPA’s teleconferences about laboratory procedures for receiving, storing, tracking, analyzing, and reporting samples and results. Prior to the shipping of the first samples in each sampling year (2018, 2019, 2020), EPA will coordinate and facilitate 1-3 teleconference calls, each to last approximately 1 hour, to review the Method, required reporting elements, data templates, and the relevant requirements in the QAPP. The participants will include EPA, the contractor’s laboratories, subcontract laboratories, and State

laboratories. If EPA conducts multiple teleconferences (e.g., due to State laboratory personnel availability), the contractor shall participate in all calls because different issues may arise that would require feedback from the contractor. The goal of the teleconferences is to ensure consensus on the analytical procedures and a schedule for sample processing and reporting. The agenda will include review of the:

- i. QAPP
 - ii. LOM
 - iii. Data template
 - iv. Standard Operating Procedures (SOPs)
 - v. Use of PT samples for QC
- b. Status Summaries: Prior to delivering the progress report, the contractor shall provide monthly status summaries. The monthly status summary shall match the time period covered by the progress report. The contractor shall provide Excel spreadsheets with the monthly status summaries that include:
- i. The number of samples delivered. (The QC samples, as described in the Method, shall be considered “samples” for the purpose of invoicing, scheduling, and reporting.)
 - ii. The number of samples for which the laboratory has finished data entry.
 - iii. Percent capacity reached in the contract (i.e., number of samples in 1.c.ii compared to the maximum number specified in task order when all quantities are exercised).
 - iv. Data for the samples processed, or revised, since the previous summary. The contractor shall report the data using EPA’s data template, but updated with the new, revised, and reconciled data. In addition, the contractor shall provide a separate case narrative (e.g., emailed Word or pdf file) for the EPA TOCOR to review with the data.
 - v. Provide a simple list of the invoiced samples with sample #, site ID, and visit #. The TOCOR will compare the list with the NRSA and NCCA master lists of samples to verify that every sample has been invoiced one time.
- c. Monthly Progress and Financial Reports: The contractor shall provide a progress and financial report each month that matches the costs in the corresponding invoice.
- i. The contractor shall provide a progress report each month that includes project status; expenditures to date; number of samples in each processing stage compared to the plan; unexpected problems or concerns, including with quality assurance; lessons learned; QA/QC activities; and next steps. The contractor shall prepare and submit the monthly progress reports in accordance with the contract clause, Contract Attachment 3, Reports of Work.
 - ii. The contractor shall prepare and submit the financial reports in accordance with the contract clause, Contract Attachment 3, Reports of Work.
 - iii. For the sample analyses completed during the month and billed in the invoice, the financial report shall identify the sample using its site identification code and sample number.
 - iv. For the month in which the contractor delivers the final database for Task 4, the contractor shall include the costs for Task 4.

- d. **Issues Requiring EPA Resolution:** The contractor shall immediately notify the EPA TOCOR of any unexpected problems or concerns, including issues with QA/QC, and recommend remedies or corrective actions. Upon receiving written technical direction from the EPA TOCOR, the contractor shall revise its schedule in the technical proposal. The contractor also shall include problems and concerns in the monthly progress report.

Deliverables and Schedule under Task 1:

Subtask	Deliverable	Due
a and f.	Participation in teleconferences	Date/time per written technical direction from EPA TOCOR based upon contractor's recommended dates/times
b.	Status updates with data in spreadsheet, sample list, and separate case narrative.	Monthly
c.	Progress and financial reports in electronic format	Monthly
d.	Email	Immediately when issue identified.
d.	Revised technical plan and schedule	Revisions within 5 working days per written technical direction.

Task 2. Quality Assurance (Contract PWS B.3)

Quality Assurance (QA) is an important component of EPA's work to assure that minimum quality standards are attained. The contractor shall address the QA requirements of this task order by adhering to the requirements and procedures identified in:

- The contractor's Quality Management Plan incorporated into this NARS contract;
- NRSA and NCCA Survey QA documents which document how quality assurance and quality control will be applied to the collection of environmental data for the survey. The documents relevant to support in this task order are:
 - Quality Assurance Project Plan (QAPP)
 - Laboratory Operations Manual (LOM)
 - The quality documents will evolve throughout the task order. During the base period, the contractor shall notify the EPA TOCOR immediately if it identifies areas where its previous activities are not consistent with the revisions made to the 2018-2019 QAPP and LOM. During the option period, the contractor must notify the EPA TOCOR immediately if it identifies areas where its previous activities are not consistent with revisions being made to the 2020 NCCA and LOM.

The EPA TOCOR will determine whether any modifications to the contractor's previous activities will be necessary, which may require a modification to the task order by the EPA Contracting Officer (CO).

For each survey, as demonstration of the contractor's:

- a. Commitment to adhere to the QAPP, the contractor's Quality Assurance Official (QAO) and each laboratory's QAO shall sign the page "Review & Distribution Acknowledgment and Commitment to Implement" in the introductory section of the QAPP. The contractor shall distribute the version of the QAPP and LOM available at award of the task order, and any additional revisions approved by the EPA QAO, throughout the contractor's organization, including subcontractors and consultants. If EPA distributes an updated version of the LOM and states that it contains a "significant change" relevant to the analyses, the contractor shall acknowledge, in writing (e.g., Email), that it has received and distributed the revised LOM to the appropriate personnel.
- b. Implementation of QA in performing the other tasks in this Performance Work Statement, the contractor shall document its QA activities as follows:
 - i. Standard Operating Procedures (SOPs) and any other quality assurance documentation developed or adopted by the contractor's laboratory for use in performing the required analyses. If the contractor does not develop or modify them as part of the costs incurred by the task order, the contractor may claim the SOPs to be proprietary.
 - ii. Reports of relevant QA activities in any deliverable. All QA documentation prepared under the task order shall be considered non-proprietary.
 - iii. Monthly reports of QA activities performed during implementation of this task order. These monthly QA reports shall identify QA activities performed to support implementation of this task order, problems encountered, deviations from the QAPP, and corrective actions taken. The contractor shall include the QA report with the monthly progress report.
- c. Ability to conform to NRSA measurement quality objectives, the contractor shall, at a minimum, ensure that the data meet the measurement quality objectives in the QAPP.

Deliverables and Schedule under Task 2:

Subtask	Deliverable	Due
a.	Original QAPP signature page	No later than 5 working days after effective date of task order
	Email acknowledgement of LOM with "significant change"	No later than 10 working days after receiving revised LOM
	Laboratory SOPs	No later than 5 working days after effective date of task order. If the laboratory modified the SOPs during the performance period, provide the final versions 5 working days before the end of the performance period. Otherwise,

Subtask	Deliverable	Due
		provide an email stating that the SOPs have remained unchanged throughout the task order.
	Documentation of QA activities	With deliverables
	Bench sheets with QC Officer review	With monthly progress report
b.	Monthly reports of QA activities during months when samples are delivered and/or processed	With monthly progress report
c.	Data and QC elements identified in procedure	With database

Task 3. Mercury Analysis (Contract PWS B.3.e, C.4)

The contractor shall strictly follow ALL procedures in the Method for analyzing mercury in fish tissue samples collected by the NRSA field crews in 2018 and 2019.

If the contractor identifies a situation requiring a minor change in the Method, the EPA TOCOR must approve the deviation before the contractor can implement the change.

In addition to the delivery of data addressed in Task 1, the contractor shall provide the deliverables resulting from the following activities:

- a. Log each sample and record the condition of the sample container into the NARS Information Management (IM) system within 24 (clock) hours of the sample arriving at the laboratory. If the sample does not arrive when expected, the contractor shall immediately notify the EPA TOCOR or her designee. Alternatively, for shipments with a large number of samples, the contractor shall email a spreadsheet with the sample login information to the EPA TOCOR with a copy to the person assigned to track the samples for the survey.
- b. Provide an email to the EPA TOCOR with any recommended changes to keys and references.
- c. Develop a reference library using preserved specimens and digital photo imagery (see digital specifications in Method). In the library, the contractor shall include one of each unique type of organism identified, as described in the Method. The contractor shall provide access to the specimens and a copy of the digital library to EPA.
- d. Retain:
 - Samples and sorting residuals for the period specified in the Method.
 - Original records, including bench notebooks and the reference library, for a minimum of ten (10) years from the date that EPA publishes the final report.
 If EPA determines that transfer to another location is necessary, EPA will make separate arrangements (e.g., task order modification, purchase order) with the contractor for any

necessary packaging and shipping expenses. Otherwise, at the end of the retention period, the contractor shall follow its internal protocols for disposal.

- e. Retain original records, including laboratory notebooks and the reference library, for a minimum of 10 years from the date that EPA publishes the final report. If EPA determines that copies or physical transfer to another location is necessary, EPA will make separate arrangements (e.g., task order modification, purchase order) for any necessary photocopying, packaging and shipping expenses. Otherwise, at the end of the retention period, the contractor shall follow its internal protocols for disposal.

Unless the TOCOR grants an exception, the contractor shall not publish findings based upon work conducted under this task order. This restriction shall remain in effect until EPA provides public access to the data.

Deliverables and Schedule under Task 3:

Subtask	Deliverable	Due
a.	Sample logged into NARS IM system or transmittal of spreadsheet	Within 24 (clock) hours of sample receipt
a.	Email identifying missing sample	Immediately if sample does not arrive when expected
b.	Email with recommended changes to keys and references	Within 5 working days of identified need for change.
c.	Access to specimens in reference library	Upon EPA TOCOR's written request via technical direction.
c.	Copy of digital library by email, FTP transfer, or SharePoint upload	With final database. Interim copies within 10-15 days per written technical direction from the EPA TOCOR.
e.	Access to laboratory notebooks	Upon EPA TOCOR's written request via technical direction.

Task 4. Final Database (Contract PWS B.1, B.3, C.4)

The contractor shall provide revised and final databases for the results of the fish vouchering analyses reported in Task 1. The contractor shall provide:

- a. Responses to EPA's questions about the data, as conveyed by the EPA TOCOR's technical direction.
- b. Revised databases per written technical direction describing required changes based upon EPA's review of the data and reconciliation activities.
- c. Final database that incorporates revisions identified by the EPA TOCOR's written technical direction.

Deliverables and Schedule under Task 4:

Subtask	Deliverable	Due
a.	Email with responses to data questions	1-5 working days per written technical direction

Subtask	Deliverable	Due
b.	Revised databases and emails that summarize the changes	10 working days after receiving the EPA TOCOR's written technical direction. The contractor shall assume five revisions and associated summaries will be required as a result of EPA's review of the data.
c.	Final database	10 working days after receiving written technical direction; but no later than 5 working days prior to the end of the period of performance.

VI. TRAVEL

EPA does not anticipate that any travel will be necessary to perform the tasks in the Performance Work Statement.

VII. QUALITY ASSURANCE SURVEILLANCE PLAN

EPA will judge performance using the following Quality Assurance Surveillance Plan (QASP).

Performance Requirement	Measureable Performance Standards	Surveillance Method	Incentives/Disincentives
Management and Communications: The Contractor shall maintain contact with the EPA TOCOR throughout the performance of the task order and shall immediately bring potential problems to the attention of the EPA TOCOR. In cases where issues have a direct impact on project schedules, cost, time, or quality, the contractor shall provide options for EPA's consideration on resolving the issues or mitigating their impacts.	Any issue adversely impacting project schedules, cost, time or quality shall be brought to the attention of the EPA TOCOR within 3-working days of occurrence.	EPA TOCOR will identify unreported issues.	Two or more incidents where the contractor: <ul style="list-style-type: none"> Does not provide timely notification; or Created a severe adverse situation will be considered unsatisfactory performance and will be reported as such in the CPARS Performance Evaluation System under the category of Management . Fewer than two incidents where the contractor does not meet the measureable performance standard will be considered acceptable performance and will be reported as such in the CPARS Performance Evaluation System under the category of Business Relations
Timeliness:	<ul style="list-style-type: none"> No more than 25% of the data for Task 1 	100% of the progress reports, data submissions,	Unsatisfactory rating under the category of Schedule in

Performance Requirement	Measureable Performance Standards	Surveillance Method	Incentives/Disincentives
Data (Task 1) and databases (Task 4) shall be delivered in accordance with the schedule developed in PWS Task 1. After EPA accepts the final schedule in Task 1, it is unlikely that EPA will be willing to extend the schedule due to any factors under the contractor's control (e.g., to complete work under another contract).	<p>shall be submitted more than 3 working days past the date in the accepted schedule.</p> <ul style="list-style-type: none"> • None of the data for Task 1 shall be submitted more than 40 working days past the date in the accepted schedule. • No more than 10% of the revised databases (Task 4) shall be submitted more than 3 working days past the date in the accepted schedule. • No delays in submitting the final database (Task 4) by the "no later than" date in the PWS. 	and databases will be reviewed by the EPA TOCOR monthly to compare actual delivery dates against those in the approved schedule from Task 1.	CPARS when the contractor does not meet the measurable performance standards during the applicable period of performance.
Technical Effort: The Contractor shall assign appropriately leveled and skilled personnel to all tasks; and abide by the contractor's QMP, the NRSA QAPP, and the mercury in fish tissue plugs method.	<p>No more than 25% of reviewed deliverables and data shall require revisions to meet the requirements of the QMP, NRSA QAPP, data templates, and mercury in fish tissue plugs method.</p> <p>All of the assigned staff must meet the LOM requirements for their assigned duties.</p>	100% of the data, key personnel resumes, and will be reviewed by the EPA TOCOR to identify noncompliance issues with the QMP, NRSA QAPP, and mercury in fish tissue plugs method.	Unsatisfactory rating under the category of Quality in CPARS when the contractor does not meet the measurable performance standards during an applicable period of performance.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES	
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2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
P00010		See Block 16C		PR-OW-21-00214			
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
CAD							
CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001							
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(x)			
ESS GROUP, INC. Attn: ROBERT ERICKSON 10 HEMINGWAY DR # 2 RIVERSIDE RI 02915							
				9A. AMENDMENT OF SOLICITATION NO.			
				9B. DATED (SEE ITEM 11)			
				x 10A. MODIFICATION OF CONTRACT/ORDER NO. EP-C-16-006 0005			
				10B. DATED (SEE ITEM 13) 06/20/2017			
CODE 019131986		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule				(b)(4)			
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).						
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:						
X	D. OTHER (Specify type of modification and authority) Unilateral - FAR 52.216-22						
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
DUNS Number: 019131986							
The purpose of this modification is to exercise one Option (b)(4)							
(b)(4)							
(b)(4)							
(b)(4)							
All other terms and conditions remain unchanged.							
TOCOR: Kendra Forde Max Expire Date: 05/30/2022 InvoiceApprover: Kendra Forde Alt Invoice App: Brian Hasty							
LIST OF CHANGES:							
Reason for Modification: Exercise an Option							
Continued ...							
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				Sandra Stargardt-Licis			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)				ELECTRONIC SIGNATURE		02/26/2021	
				(Signature of Contracting Officer)			

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-C-16-006/0005/P00010PAGE OF
2 3NAME OF OFFEROR OR CONTRACTOR
ESS GROUP, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Total Amount for this Modification: \$0.00 New Total Amount for this Version: \$215,500.00 New Total Amount for this Award: \$215,500.00 Obligated Amount for this Modification: (b)(4) New Total Obligated Amount for this Award: (b)(4) Incremental Funded Amount changed: (b)(4) (b)(4)</p> <p>CHANGES FOR LINE ITEM NUMBER: 2</p> <p>Quantity changed from (b)(4) Total Amount changed (b)(4)</p> <p>CHANGES FOR DELIVERY LOCATION: Quantity changed from (b)(4) Amount (b)(4)</p> <p>CHANGES FOR DELIVERY LOCATION: OW-OWOW-AWPD-MB Amount changed from (b)(4)</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 21-22-B-87FM-000B67-2505-2187ME4010-001 Beginning FiscalYear 21 Ending Fiscal Year 22 Fund (Appropriation) B Budget Organization 87FM Program (PRC) 000B67 Budget (BOC) 2505 Job # (Site/Project) Cost Organization DCN-LineID 2187ME4010-001 Quantity: 0 Amount: (b)(4) Percent: (b)(4) Subject To Funding: N Payment Address: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711</p> <p>Continued ...</p>				

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	EP-C-16-006/0005/P00010	3	3

NAME OF OFFEROR OR CONTRACTOR
ESS GROUP, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 Period of Performance: 02/01/2018 to 05/30/2022				